



# What happens to the waste?



Food waste is saved in separate bins by area businesses, reducing waste discarded in landfills.



Bins are collected regularly and transported to a processing facility.



Food waste is processed through a depackager, and then mixed with manure inside the anaerobic digester.



Cow manure is collected and pumped into the anaerobic digester.



A bio-separator recovers the virtually odorless liquid material for use as natural cropland fertilizer, reducing the need for petroleum-based chemicals

A bio-separator recovers solid material for use as animal bedding or a compost product.



## Anaerobic Digestion

can reduce landfill use, save fuel, create energy and produce valuable farm products.



Microorganisms reproduce by feeding on the organic matter in the anaerobic digester, creating biogas.

Biogas becomes fuel for the system, a combined heat and power unit.



Excess electricity is sold back to the grid, reducing fossil fuel consumption and CO2 emissions.

